

Title (en)
METAL ALLOY INJECTION TECHNIQUES

Title (de)
VERFAHREN ZUR INJEKTION VON METALLLEGIERUNGEN

Title (fr)
TECHNIQUES D'INJECTION D'ALLIAGE MÉTALLIQUE

Publication
EP 2908969 A4 20160302 (EN)

Application
EP 12886525 A 20121017

Priority
CN 2012083079 W 20121017

Abstract (en)
[origin: WO2014059621A1] Metal alloy injection molding techniques are described. In one or more implementations, these techniques may also include adjustment of injection pressure, configuration of runners, and/or use of vacuum pressure, and so on to encourage flow of the metal alloy through a mold. Techniques are also described that utilize protrusions to counteract thermal expansion and subsequent contraction of the metal alloy upon cooling. Further, techniques are described in which a radius of edges of a feature is configured to encourage flow and reduce voids. A variety of other techniques are also described herein.

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Citation (search report)

- [X] JP 2003064439 A 20030305 - FUJITSU LTD
- [X] CN 101387897 A 20090318 - YUANFA LI [CN]
- [A] JP 2004291063 A 20041021 - FUJITSU LTD
- See references of WO 2014059621A1

Designated contracting state (EPC)
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